

XAT ANSWERS (4th Jan, 2009)

Section B: Data Interpretation and Quantitative Ability(Set A)

36. In an examination there are 30 questions. 1 mark is given for each correct answer and 0.25 is deducted for every incorrect answer.....

Ans: (E) None of the above.

37. A salesman also sells two kinds of trousers: cotton and woolen. A pair of cotton trousers is sold at 30% profit and a pair of woolen trousers is sold at 50% profit.

Ans: (B) 40%

Question Nos. 38-39 are followed by two statements labeled as I and II. You have to decide if these statements are sufficient to conclusively answer the question. Choose the appropriate answer from options given below:

- A. If statement I alone is sufficient to answer the question.
- B. If statement II alone is sufficient to answer the question.
- C. If statement I and Statement II together is sufficient but neither of the two alone is sufficient to answer the question.
- D. if either statement I or statement II alone is sufficient to answer the question.
- E. Both statement I and Statement II are insufficient to answer the question.

38. For each rupee in monthly advertising expenditure, KUMAR & Co. experiences a Rs.6 increase in sales.

Ans: (D)

39. Geetanjali Express, Which is 250 metre long when moving from Howrah to Tatanagar crosses Subarnarekha bridge in 30 seconds. What is the speed of Geetanjali Express?

Ans: (C)

40. Rajesh walks to and fro to a ,.....

Ans: (E) None of the above.

41. A shop sells two kinds of rolls.....

Ans: (D) 42

42. Given five points A=(7, 4).....

Ans (E) A and C

Instruction : Answer the question No. 43. and 44 on the basis of the data given in the chart.

43 Which of the following conclusion can be made?

Ans: (C) Producer's margin for fish spring roll is more than retailer's margin.

44. Which of the following conclusion can be made

Ans: (E) The three lines that connect different points, in the diagram above, are superfluous.

45. Mungeri Lal has two Investment plans- A and B,

Ans: (B) 4

46. For all real numbers x, except.....

Ans: (B) $(\cos \alpha)^2$

47. Two teams Arrogant and Overconfident.....

Ans:

Answer the questions 48-50 on the basis of the data given in the table.

A cake chain manufactures.....

48. Which of the following statement.....

Ans : (D) 3 only

49. Maximum decline

Ans: (C) From 1998 to 1999

50. If profit = sales – cost.....

Ans (A) 1, 2, 3, 4

51. Let a and b be the roots.....

Ans: (A) $-3P_{n-1} + P_{n-2}$

52. A rural child specialist has

Ans: (B) 16

(Weights are 16,19,20,21,26)



53. Sangeeta and Swati bought two wristwatches.....

Ans: (B) 9:00 PM

54. $F(x)$ is a forth order polynomial with.....

Ans: (D) 360

Instructions: consider the information given below for question 55 and 56.

In the diagram below.....

55. The value of A is :

Ans : (B) 2

56. The sum of digits which are not used is:

Ans: (E) None of the above

57. Steel Express stops at six station.....

Ans: (A) ${}^6P_5/6^5$

58. In a quadrilateral ABCD, $BC = 10$

Ans: (C) $204(a + \sqrt{b} = 11 + \sqrt{193})$

59. ANCD is a square with sides of length 10 units.....

Ans : (D) 15

60. How many differently shaped.....

Ans : (C) 5

61. Company BELIANCE hosted a party for 8 members of Company AXIAL.....
Ans: (B) 10

Answer the questions 62 to 64 on the basis of the following information

KK, an aspiring entrepreneur wanted to set up.....

62. What would be the break-even point.....
Ans: (A) Rs.180 lac

63. KK was sceptical that per unit variable cost might increase by 10%.....
Ans: (D) Profit will decrease by 16.67%

64. He discussed his business plan with a chartered accountant.....

By how much does KK's earning
Ans: (E) 34.5%

65. Let X be a four digit number.....
Ans: (E) None of the above

Question 66-67
A police inspector spots.....

66. Time taken by the inspector.....
Ans : (D) 20 mins

67. The distance the inspector.....
Ans: (C) 5 km

Instructions: answer the question 68 to 72.....
Sodium carbonate, also.....

68. It was expected that global soda.....
Ans: (E) None of the above conclusions could possibly be drawn.

69. Suppose the total global production
Ans: (D) did not increase at all.

70. Which of the following statement are true?
1. Proportion of natural soda.....
2. Proportion of natural soda ash to synthetic soda ash had increased form 2001 to 2006 globally.
3. Proportion of synthetic soda.....
4. Proportion of synthetic soda ash to total soda ash.....
Ans: (A) 1 and 3

71. What is Tata Chemical's share.....
Ans: (D) Incomplete data.

72. Suppose total global production
1. Solvay's market share was more than 20.66%
 2. Solvay's market share was more than 13.5%
 3. FMC's market share was less than 10.33%
 4. FMC share was less than 13.5%
 5. Nirma, which was sixth largest producer, had a share of less than 8.5%
- Ans: (C) 2 and 4**

73. Raj travels has the following revenue model.....
- Ans : (C) Rs.4500000**

TCY